Variables and Expressions Bell Work

Write an algebraic expression for each verbal expression.

1. The product of five and a number x

2. Two-thirds the square of a number x

3. The sum of fifty three and x

4. The product of thirty two and d

5. Nineteen increased by thrice a number x

Find each value.

6. 9^2

7. 4^4

8. 6^3

9. 8^2

10. 3^4

Write a verbal expression for each algebraic expression.

11. $5x$

12. $\frac{24}{x}$

13. $y + 19$

14. $x - 2$

15. $y \div 2$

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Variables and Expressions Bell Work

ANSWER

Write an algebraic expression for each verbal expression.

1. The product of five and a number x $= 5x$

2. Two-thirds the square of a number x $= \frac{2}{3}x^2$

3. The sum of fifty three and x $= 53 + x$

4. The product of thirty two and d $= 32d$

5. Nineteen increased by thrice a number x $= 19 + 3x$

Find each value.

6. 9^2 $= 9 \cdot 9$ $= 81$

7. 4^4 $= 4 \cdot 4 \cdot 4 \cdot 4$ $= 256$

8. 6^3 $= 6 \cdot 6 \cdot 6$ $= 216$

9. 8^2 $= 8 \cdot 8$ $= 64$

10. 3^4 $= 3 \cdot 3 \cdot 3 \cdot 3$ $= 81$

Write a verbal expression for each algebraic expression.

11. $5x$ = the product of five and x

12. $\frac{24}{x}$ = the ratio of twenty four and x

13. $y + 19$ = the sum of y and nineteen

14. $x - 2$ = the difference between x and two

15. $y \div 2$ = y divided by two